

to bring the edge of the mantle free again. It is unfortunate that the specimen was not preserved alive. The other valve of the shell was perfectly normal.

I cannot recall among the lamellibranch or gasteropod shells, either normal or abnormal, a tubular process, indeed the nearest approach is seen in the little tubular processes on the periphery of *Aspergillum*.

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JEANETTE M. COOKE

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Miss Jeannette M. Cooke died at her home on Point Loma in the city of San Diego, California, on October 21st, 1920. She was widely known among conchologists on account of the valuable material which she had accumulated from Lower California, which has gone into many of the great museums of the world and into a very large number of private collections.

She was born at Westford, Vermont, on March 10th, 1843, but went to Elyria, Ohio, when about nine years old. She came to San Diego in 1882 and opened "The World Curio Store" in 1886. This she maintained until about 1908 when she retired from business and moved to Point Loma.

Early in the history of the store she sent out a boat in charge of Captain George D. Porter and John Johnson for the purpose of collecting all sorts of marine life on the coast of Lower California. She made several changes in her boats and, about 1895, she purchased a small Chinese junk which had been built in San Diego, and which they rechristened "The World". In this boat these two men went for a more extended cruise into the Gulf of California.

Tiburon Island, the largest island in the Gulf of California, is inhabited by the notorious Seri Indians, who are the Ishmaelites of that region, their hands having been against all of their neighbors from their earliest recorded history. Miss Cooke told the writer that Capt. Porter had promised her that under no circumstances would they land on Tiburon Island. Nevertheless, about the end of October, 1896, they did land on this large island, were ambushed and killed by the Seris, and their boat

was looted and burned. An investigation made by the Mexican Government at the request of our State Department elicited the fact that they had landed from a small boat and gone along the beach to collect. A band of Indians ambushed them upon their return, killing Johnson at the first fire, but Porter managed to reach the small boat on the beach and killed five of the Indians before they killed him.

After this Miss Cooke made no attempt to organize further collecting along the Lower California Coast, contenting herself with the purchase of stock and the turning over of the large accumulations of former years. She early became interested in the conchological side of her work and started many years ago to make a private collection which had reached rather large dimensions at the time of her death. She furnished the types of a large number of new species and varieties, most or all of which were described by the late Dr. R. E. C. Stearns, Dr. W. H. Dall and Dr. Paul Bartsch. Probably the most remarkable one of these was taken on Guadelupe Island off the Lower California Coast and was described by Dr. Stearns as *Uvanilla regina*. This shell seems to be a perfect *Uvanilla*, but specimens taken long after the description was written showed the operculum to be Trochoid.

In accordance with Miss Cooke's expressed desire, her private collection has become the property of the Theosophical Society and Universal Brotherhood, of which she was a member, and is held at their International Headquarters on Point Loma.

FRED BAKER.

POINT LOMA, CAL., MAY 25, 1922.

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TYPES OF FÉRUSSAC'S SUBGENERA OF HELIX. A few of the subgenera of Férussac's Tableau Systematique seem to be still without definitely designated types, or at least I have not found them. Types are here selected.

*Cochlodina* Fér., p. 61. Type *Clausilia bidens* Draparnaud.

*Cochlohydra* Fér., p. 26. Type *Helix putris* L.